

**INTERFERENCE SUPPRESSION IN A CDMA RECEIVER DURING
AT LEAST ONE OF IDLE STATE AND ACCESS STATE
OPERATION**

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ABSTRACT OF THE DISCLOSURE

A system and method are provided for canceling interference present in a local channel signal received at a receiver. The system includes a controller and a finger demodulator assembly. The controller is capable of selecting at least one interfering pilot channel signal that has a signal strength above a threshold, where the selected interfering pilot channel signals comprises an interfering set of pilot channel signals. The finger demodulator assembly can then be capable of producing a corrected local channel signal based upon the interfering set of pilot channel signals during the idle state and/or access state.

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